

MRP WASHTECH SOLUTION

MACHINES TEST REPORT / QUALITY CONTROL CERTIFICATES

TUMBLE DRIER (WSTD)

Machine Model .	Capacity	Customer Name & P.O No.	Date of testing	Time
Tumble drier	WSTD 100	M/S Suraksha Electricals	5 th June 23	5:00 PM

Dimensional specifications:

Door opening dimensions	Diameter 625 mm
LengthXWidthXHeight(LXWXH) in mm	1260 mm x 1850 mm x 2100 mm
Direct steam inlet size	- Nil -
Water inlet size	- Nil -
Manual valves/ pneumatic valves	- Nil -
HEATER CAPACITY	- 30 kW -
Drain size	- Nil -

Mechanical Description	Make	Serial No.	Quantity	Others
Main motor	- LHP -			
Gear box	- Nil -			
Pulley used	CAST IRON			
Gland packing	- Nil -			
Oil seal used	- Nil -			
Bearing used for Main shaft	NTN			
Belts used for Drive motor	AJTN	FENNER		
Belt used for Main shaft	-	FENNER		

With out inverter

CHECK POINTS	Operating Switch in panel	Capacity	Make	Serial No.
1.Heater ON / OFF	✓			
2. Water inching	- Nil -			
3. Limit switch	✓			
4. Lift to drain handle	- Nil -			

Description	Ideal range	Inverter Reading		
		With load	Without load	Error
Frequency in Hz	Nil			
Amps	- Nil -			
Kilowatt(KW)	- Nil -			
I/P Voltage in volts	- Nil -			
O/P Voltage in volts	- Nil -			

[Signature]

[Signature]

Asst. Executive Engineer
Project Division
Yelahanka
Bangalore - 56
1501

CHECK FOR THE ELECTRICAL PANEL FUNCTIONAL PARAMETERS

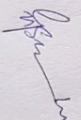
S. No.	Description	Check	Description	Check	Description	Check
1.	Start	✓	Temp Sensor	✓	ON DELAY TIMER	✓
2.	Stop	✓	Rotating Jump	✓	TEMPERATURE CONTROLLER	✓
3.	Lock	✓	Hoover	✓	Door Limit switch	✓
4.	Inching UP	✓	CONTACTORS	✓	Drain	✓
5.	Inching DOWN	✓	RELAY	✓	Screen line valves	✓
6.	Main Motor assembly	✓				
7.	Fitment of locking bolts/Nut/spring washers for motors	✓				
8.	Pulley alignment	✓				
9.	Belt Tension	✓				
10.	Bearing /Grease Nipple	✓				
11.	Gland packing	✓				
12.	Fitment of Pillow block bearing	✓				
13.	Fitment of Gear box assembly	✓				
14.	Gear box oil	✓				
15.	Any leakage at gland packing assembly area	✓				
16.	Leakage at all the fasteners end	✓				
17.	Alignment of side guards	✓				
18.	Fitment of temperature probe	✓				
19.	Oil seal used.	✓				
20.	Fitment of Electrical heaters	✓				
21.	Limit switch functioning in rotation	✓				
22.	1. UP 2. DOWN	✓				
23.	Front door locking arrangement.	✓				
24.	Fitment of Electrical panel & loose connection, if any?	✓				
25.	Check for the functioning of water flow meter at water inlet.	✓				
26.	Pneumatic connections for, 1. Hot Water 2. Cold Water 3. Steam 4. Drain	✓				

Asst. Executive Engineer
Project Division
Yelahanka Zone
B&MP, Bangalore - 52

5. Check for the leakage in the following fitment area													
	Description	OK	NOT OK										
	Front door fitment	✓											
	Direct steam line	✓											
	Water inlet line	✓											
	Chemical box	✓											
	Gland area	✓											
	Front side for Drum fasteners	✓											
	Rear side for Drum fasteners	✓											
26.	Check for the machine RPM:												
	<table border="1"> <tr> <th>Description</th> <th>Set RPM</th> <th>Actual RPM</th> </tr> <tr> <td>With load</td> <td>38</td> <td>35</td> </tr> <tr> <td>Without load</td> <td>38</td> <td>38</td> </tr> </table>	Description	Set RPM	Actual RPM	With load	38	35	Without load	38	38			
Description	Set RPM	Actual RPM											
With load	38	35											
Without load	38	38											
27.	Check for the door finishing, it should be free from dent marks, burrs, welding spatters & drill finishes.	✓											
28.	Check for the basket punch finishing, it should be free from double punch, burrs and burning marks.	✓											
29.	Check for the paint quality, it should be free from paint peel off, scratches, air bubbles and mix-up colors.	✓											
30.	Check for the pallet assembly:	✓											
31.	Check for electrical and electronic components packing quality:	✓											
32.	Branded caution stickers and manuals to be put in the right place.	✓											
33.	Check for the fitment of front door glass, it should be vibration free.	✓											
34.	Check for the functions and working of temperature probe: - Manual functioning: - By electrical functioning:	✓											
35.	Check for the supply of foundation bolts along with the machine.	- Nil -											

Functional parameters

Sr. No.	CHECK POINTS	CHECK	READINGS
1	Machine Heating Option - STEAM / ELECTRICAL/THERMIC FLUID / GAS	✓	ELECTRICAL HEATERS
2	Machine RPM with load	✓	38 rpm
3	Weight of the dry cloth / wet clothing with 100% steam	✓	100 kgs


Asst. Executive Engineer
 Project Division
 Yelahanka Zone
 BBMP, Bangalore - 92

Type of cloth

Weight of Cloth . . .

Volume of water : $\rightarrow 1 \text{ ml}$

Total time : 1:30 min

$$\therefore \frac{400}{100} m$$

∴ Technical

1997

Time	Temperature	Set Temperature	Remarks
5:45	28°	70°	
5:55	41°	70°	Minor air leakage found on lower
6:15	65°	70°	leaves by Angus Adjuvum its been
6:25	70°	70°	Rechecked.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10

	INSPECTED BY	SECTION INCHARGE	PRODUCTION HEAD
Name	Barry Newman		
Signature	<i>Barry Newman</i>		

Asst. Executive Engineer

Project Division
Yelahanka Zone

BMP, Bangalore - 92

4



MRP WASHTECH SOLUTION

MACHINES TEST REPORT / QUALITY CONTROL CERTIFICATES

VACCUUM IRONING BOARD / SYSTEM (WSVIT)

Machine Model.	Capacity	Customer Name & P.O No.	Date of testing	Time
Vacuum Ironing Table + Roller	M/s Surashtra Electric	3 rd 4 th Jan 23	9:30 Am	

Dimensional specifications:

Table / working Area dimensions	95 cm x 80 cm / 295mm x 800mm
Length X Width X Height (L X W X H) in mm	10' x 4' x 3.5' feet / 3048mm x 1216 x 1066mm
Direct steam inlet size	Nil
HEATER CAPACITY	3 kw
Boiler Capacity	20 ltr capacity.

With out inverter

CHECK POINTS	Operating Switch in panel	Capacity	Make	Serial No.
1. Heater ON / OFF	✓			
2. Water Inching	✓			
3. Limit switch	✓			
4. Lift to drain handle	✓			

Inverter Reading

Description	Ideal range	With load	Without load	Error
Frequency in Hz	Nil			
Amps	Nil			
Kilowatt (KW)	Nil			
I/P Voltage in volts	Nil			
O/P Voltage in volts	Nil			

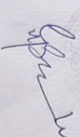
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

4. CHECK FOR THE ELECTRICAL PANEL FUNCTIONAL PARAMETERS					
Description	Check	Description	Check	Description	Check
Start	✓	Temp Sensor	✓	ON DELAY TIMER	~ Nil
Stop	✓	Rotating lamp	✓	TEMPERATURE CONTROLLER	✓
Lock	✓	Hooper	✓	Door Limit switch	~ Nil
Inching UP	×	CONTACTORS	✓	Drain	Nil
Inching DOWN	×	RELAY	✓	Steam line valves	Nil
5. Main Motor assembly					
6. Fitment of locking bolts/Nut/spring washers for motors	✓				
7. Pulley alignment	✓				
8. Belt Tension	Nil				
9. Bearing /Grease Nipple	Nil				
10. Gland packing	×				
11. Fitment of Pillow block bearing	✓				
12. Fitment of Gear box assembly	×				
13. Gear box oil	×				
14. Any leakage at gland packing assembly area	×				
15. Leakage at all the fasteners end	×				
16. Alignment of side guards	×				
17. Fitment of temperature probe	×				
18. Oil seal used.	×				
19. Fitment of Electrical heaters	✓				
20. Limit switch functioning in rotation					
1. UP	✓				
2. DOWN	×				
21. Front door locking arrangement.	×				
22. Fitment of Electrical panel & loose connection, if any?	×				
23. Check for the functioning of water flow meter at water inlet.	×				
24. Pneumatic connections for,					
1. Hot Water	×				
2. Cold Water					
3. Steam					
4. Drain					

25.	Check for the leakage in the following fitment area				
	Description	OK	NOT OK		
	Front door fitment	✓			
	Direct steam line	✓			
	Water inlet line	✓			
	Chemical box	✓			
	Gland area	✓			
	Front side for Drum fasteners	✓			
	Rear side for Drum fasteners	✓			
26.	Check for the machine RPM:				
	Description	Set RPM	Actual RPM		
	With load			Nil	
	Without load				
27.	Check for the door finishing. It should be free from dent marks, burrs, welding spatters & drill finishes.			✓	
28.	Check for the basket punch finishing. It should be free from double punch, burrs and burning marks.			✓	
29.	Check for the paint quality. It should be free from paint peel off, scratches, air bubbles and mix-up colors.			✓	
30.	Check for the pallet assembly:			✓	
31.	Check for electrical and electronic components packing quality:			✓	
32.	Branded caution stickers and manuals to be put in the right place.			✓	
33.	Check for the fitment of front door glass, it should be vibration free.			✓	
34.	Check for the functions and working of temperature probe:			✓	
	1. Manual functioning:				
	2. By electrical functioning:				
35.	Check for the supply of foundation bolts along with the machine.				

Functional parameters

Sr. No.	CHECK POINTS	CHECK	READINGS
1	Machine Heating Option - STEAM / ELECTRICAL/THERMIC FLUID / GAS	✓	- Electrical -
2	Machine RPM with load	✓	-
3	Weight of the dry cloth / wet cloth.	✓	-


Asst. Executive Engineer
 Project Division
 Yelahanka Zone
 BBMP, Bangalore - 52

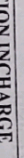
Weight of Cloth : _____

Volume of water : _____

Time: starting: 1:45 PM Ending: 2:30 PM Total time : 35 min.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

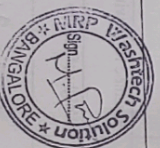
10.		INSPECTED BY	SECTION INCHARGE	PRODUCTION HEAD
Name				
Signature	<i>B. Patel</i>			

Asst. ~~Executive~~ Engineer

Resident: Divisinga

BRIP Bangalore - 92

98-0101416-035



MRP WASHTECH SOLUTION

MACHINE TEST REPORT / QUALITY CONTROL CERTIFICATES

HYDRO EXTRACTOR (WSHE / WSD0)

Machine Serial No.	Capacity	Customer Name & P.O No.	Date of testing	Time
Hydro Extractor		M/s. Gunastala Electricals	5th June 2023	3.00 PM

Technical specifications:

Mechanical Description	Make	Serial No.	Quantity	Others
Main motor	CHF		01	
Bearing	CHF		01	
Bearing	"		01	
Bearing	"		01	
Bearing	"		01	
Bearing Thrust	NTN		01	
Oil Seal	-			
Oil Seal	-			
Oil Seal	-			
Oil Seal	-			
Oil Seal	-			
V-Belt	-			
Clutch pulley & drum pulley.	-			

Electrical Description	Make	Serial No.	Quantity	Others
Door Limit Switch	✓			
STAR / DELTA Starter	✓		01	

Check points

PARAMETERS	CHECK	DETAILS
1. Motor assembly	✓	
2. Pulley assembly	✓	
3. Pulley alignment	✓	
4. Belt fitment	✓	
5. Belt Tension	✓	
6. Bearing / Grease Nipple	✓	
7. Oil seal fitment	✓	
8. Check for the leakage for the following portions, 1. Fasteners tightening portions, 2. Bottom base plate, 3. Drainage area.	✓	
9. Check for the working of limit switch	✓	
10. Check for the drum run-out, if any	✓	
11. Check for the drum vibrations, if any	✓	
12. Check for the working of the braking system	✓	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 52

MRP WASHTECH SOLUTION **MACHINES TEST REPORT / QUALITY CONTROL CERTIFICATES** **HORIZONTAL WASHING MACHINE(WSHW)**

Machine Model	Capacity	Customer Name & P.O No.	Date of testing	Time
Top Loading Washing Machine	150 liter	M/s. Survecha Enterprises	4 th 5 th June 23	

Dimensional specifications:

Door opening dimensions	
Length X Width X Height (L X W X H) in mm	Rectangular 500 mm x 460 mm
Direct steam inlet size	19.50 mm x 13.60 mm x 1300 mm
Water inlet size	1/2"
Manual valves/ pneumatic valves	2"
HEATER CAPACITY	Manual 9 kg
Drain size	3" (Inch)

Mechanical Description	Make	Serial No.	Quantity	Others
Main motor	LHP		1	
Gear box			1	
Pulley used	Cast Iron		4	
Gland packing			2	
Oil seal used			2	
Bearing used for Main shaft			2	
Belts used for Drive motor			3	Feawa2
Belt used for Main shaft			2	PENNEN

With out inverter

CHECK POINTS	Operating Switch in panel	Capacity	Make	Serial No.
1. Heater ON / OFF	✓			
2. Water Inching	✓			
3. Limit switch	✓			
4. Lift to drain handle	✓			

Description	Ideal range	Inverter Reading		Error
		With load	Without load	
Frequency in Hz	Nil			
Amps	~ Nil			
Kilowatt(KW)	"			
I/P Voltage in volts	"			
O/P Voltage in volts	"			

Asst. Executive Engineer
Project Division
Yelahanka Zone
BEMP, Bangalore - 92
 1

4. CHECK FOR THE ELECTRICAL PANEL FUNCTIONAL PARAMETERS

Description	Check	Description	Check	Description	Check
Start	✓	Temp Sensor		ON DELAY TIMER	✓
Stop	✓	Rotating lamp	✓	TEMPERATURE CONTROLLER	✓
Lock	✓	Hoover	✓	Door Limit switch	✓
Inching UP	✓	CONTACTORS	✓	Drain	✓
Inching DOWN	✓	RELAY	✓	Steam line valves	✓
Main Motor assembly	✓				
Fitment of locking bolts/Nut/spring washers for motors	✓				
Pulley alignment	✓				
Belt Tension	✓				
Bearing /Grease Nipple	✓				
Gland packing	✓				
Fitment of Pillow block bearing	✓				
Fitment of Gear box assembly	✓				
Gear box oil	✓				
Any leakage at gland packing assembly area	✓				
Leakage at all the fasteners end	✓				
Alignment of side guards	✓				
Fitment of temperature probe	✓				
Oil seal used.	✓				
Fitment of Electrical heaters	✓				
Limit switch functioning in rotation	✓				
1. UP	✓				
2. DOWN	✓				
Front door locking arrangement.	✓				
Fitment of Electrical panel & loose connection, if any?	✓				
Check for the functioning of water flow meter at water inlet.	✓				
Pneumatic connections for,	✓				
1. Hot Water					
2. Cold Water					
3. Steam					
4. Drain					

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

25.	Check for the leakage in the following fitment area																											
	<table><tr><th>Description</th><th>OK</th><th>NOT OK</th></tr><tr><td>Front door fliment</td><td>✓</td><td></td></tr><tr><td>Direct steam line</td><td>✓</td><td></td></tr><tr><td>Water inlet line</td><td>✓</td><td></td></tr><tr><td>Chemical box</td><td>✓</td><td></td></tr><tr><td>Gland area</td><td>✓</td><td></td></tr><tr><td>Front side for Drum fasteners</td><td>✓</td><td></td></tr><tr><td>Rear side for Drum fasteners</td><td>✓</td><td></td></tr></table>	Description	OK	NOT OK	Front door fliment	✓		Direct steam line	✓		Water inlet line	✓		Chemical box	✓		Gland area	✓		Front side for Drum fasteners	✓		Rear side for Drum fasteners	✓				
Description	OK	NOT OK																										
Front door fliment	✓																											
Direct steam line	✓																											
Water inlet line	✓																											
Chemical box	✓																											
Gland area	✓																											
Front side for Drum fasteners	✓																											
Rear side for Drum fasteners	✓																											
26.	Check for the machine RPM:	<table><tr><th>Description</th><th>Set RPM</th><th>Actual RPM</th></tr><tr><td>With load</td><td>38</td><td>38</td></tr><tr><td>Without load</td><td>38</td><td>38</td></tr></table>	Description	Set RPM	Actual RPM	With load	38	38	Without load	38	38																	
Description	Set RPM	Actual RPM																										
With load	38	38																										
Without load	38	38																										
27.	Check for the door finishing, it should be free from dent marks, burrs, welding spatters & drill finishes.	✓																										
28.	Check for the basket punch finishing, it should be free from double punch, burrs and burning marks:	✓																										
29.	Check for the paint quality, it should be free from paint peel off, scratches, air bubbles and mix-up colors.	✓																										
30.	Check for the pallet assembly:	✓																										
31.	Check for electrical and electronic components packing quality:	✓																										
32.	Branded caution stickers and manuals to be put in the right place.	✓																										
33.	Check for the fitment of front door glass, it should be vibration free.	✓																										
34.	Check for the functions and working of temperature probe: 1. Manual functioning: 2. By electrical functioning:	✓																										
35.	Check for the supply of foundation bolts along with the machine.	✓			few NO Surplus																							

Functional parameters

Sr. No.	CHECK POINTS	CHECK	READINGS
1	Machine Heating Option – STEAM / ELECTRICAL/THERMIC FLUID / GAS	✓	Electrical / Steam
2	Machine RPM with load	✓	38 rpm
3	Weight of the dry cloth / wet cloth.	✓	100 (+) kgs

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Type of cloth : Red. Sheets & Plonms

Type of cloth : Red. Sheets & Plonms

Weight of Cloth : 400 to 600 gms

Volume of water: 900 ml

Time: starting: 4/6/2023

Ending: 3:00 PM

Total time : 4

Set Temperature : 25.60°Set Time : 25 minHeating option : Electric

Snag analysis report / Conclusion

Time	Temperature	Set Temperature	Remarks
25 min	35 ^o	6 ^c	Temperature & O ₂ then Flairival. Devices @ n Acidity Successfully
30 min	40 ^o	6 ^c	

	INSPECTED BY	SECTION INCHARGE	PRODUCTION HEAD
Name	BHARATH.		
Signature	BH		

[Handwritten signature]

~~Asst. Executive Engineer~~

Project Division

Yelahanka Zone

acidic

9005 010005197

50 - 500 mg daily, 9AM-6PM

